WBLE-SL ▶ UECM140	4-202305-EZZ ▶ Quizzes ▶ 202306UECM	114040E1a ► Review of preview	Update this Quiz	
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	Thursday, 29 June 2023, 04:12 PM			
	Thursday, 29 June 2023, 04:13 PM			
Time taken Grade	0 out of a maximum of 10 (0 %)			
Giuuc	Course of a maximum of 10 (C70)			
1 🕏 Marks: 1	Simon deposits 13,000 in a bank. Du bank. Calculate i.	uring the first year, the bank credits an annual effective rate of interest i. During the second year, the bank credits an annual effective rate of interest (i-3%). At the end of two years, he has 15,210.00 in the first year, the bank credits an annual effective rate of interest (i-3%). At the end of two years, he has 15,210.00 in the first year, the bank credits an annual effective rate of interest (i-3%). At the end of two years, he has 15,210.00 in the first year, the bank credits an annual effective rate of interest (i-3%). At the end of two years, he has 15,210.00 in the first year, the bank credits an annual effective rate of interest (i-3%). At the end of two years, he has 15,210.00 in the first year, the bank credits an annual effective rate of interest (i-3%). At the end of two years, he has 15,210.00 in the first year, the bank credits an annual effective rate of interest (i-3%). At the end of two years, he has 15,210.00 in the first year, the bank credits an annual effective rate of interest (i-3%) in the first year.	n the	
	Answer:			
	Make comment or override grade			
	Incorrect			
	Correct answer: 0.096769	0/1		
	Marks for this submission	1: 0/1.		
2 🖢 Marks: 1	Money accumulates in a fund at an effective annual interest rate of i during the first 10 years, and at an effective annual interest rate of 3.5i thereafter. A deposit of 1 is made into the fund at time 0. It accumulates to 3.41 at the end of 20 years and to 7.98 at the end of 29 years. What is the value of deposit at the end of 14 years?			
	Answer:	X		
	Make comment or override grade			
	Incorrect			
	Correct answer: 1.928715 Marks for this submission	0.0/1		
	rialks for this submission	1. 0/1.		
3 👺 Marks: 1	An investor puts 160 into Fund X and amount in Fund X. Calculate the amo	d 160 into Fund Y. Fund Y earns compound interest at the annual rate of j > 0, and Fund X earns simple interest at the annual rate of 1.05j. At the end of 2 years, the amount in Fund Y is equal to the bunt in Fund Y at the end of 8 years.		
	Answer:			
	Make comment or override grade			
	Incorrect Correct answer: 342.97421			
	Marks for this submission	: 0/1.		
4 ☑ Marks: 1	Jeremy borrows 1,000 from Becky at amount of Jeremy's second payment	an anuual effective rate of interest i. He agrees to pay back 1,000 after 6 years and 864.3502 after another 6 years. Three years after his first payment, Jeremy repays the outstanding balance. What i?	s the	
	Anguari			
	Answer:	X		

Make	commen	t or	override	arade

Incorrect

Correct answer: 693.00582

Marks for this submission: 0/1.

5 🖢 Marks: 1	At an annual effective interest rate of					
	 the present value of 20,000 at the sum of the present values 10,878.67 immediately. 	ent value of 20,000 at the end of 9 years; of the present values of 6,000 at the end of year <i>t</i> and 62,000 at the end of year <i>2t</i> ; and 67 immediately.				
	Calculate the present value of a payn	Calculate the present value of a payment of 11,000 at the end of year t +4 using the same annual effective interest rate.				
	Answer:	×				
	Make comment or override grade					
	Incorrect Correct answer: 3132.515422 Marks for this submission	: 0/1.				
		·				
6 ☑ Marks: 1	A deposit of 360 is made into a fund interest earned over the 19 years are	which pays an annual effective interest rate of 7% for 19 years. At the same time, 180 is deposited into another fund which pays an annual effective rate of discount of d for 19 years. The amounts of equal for both funds. Calculate d				
	Answer:	<u> </u>				
	Make comment or override grade					
	Incorrect Correct answer: 0.091816					
	Marks for this submission	: 0/1.				
7 🗹 Marks: 1	Jenny deposits 4,000 into a bank acc amount in the account at the end of t	eposits 4,000 into a bank account. The bank credits interest at a nominal annual rate of i convertible semiannually for the first 11 years and a nominal annual rate of 2i convertible quarterly for all years thereafter. The accumulated in the account at the end of 16 years is 4,740.06. Calculate X.				
	Answer:	X X				
	Make comment or override grade					
	Incorrect					
	Correct answer: 4267.223659 Marks for this submission	: 0/1.				
8 🕏 Marks: 1	Jeff deposits 16 into a fund today and balance in the fund at the end of 37 y	1 32 16-year later. Interest for the first 9 years is credited at a nominal discount rate of d compounded quarterly, and thereafter at a nominal interest rate of 6% compounded semiannually. The accumulated years is 255. Calculate d.				
	Answer:	X X				
	Make comment or override grade					
	Incorrect Correct answer: 0.06					
	Marks for this submission	: 0/1.				
9 🗑 Marks: 1	A loan of 10,000 is made at an intere amount of final payment	st rate of 16% compounded quaterly. The loan is to be repaid with three payments: 4,000 at the end of first year, 8,000 at the end of 5-th year, and the balance at the end of the tenth year. Calculate the				
	Answer:	x				
	Make comment or override grade					
	Incorrect					
	Correct answer: 14065.490919 Marks for this submission	: 0/1.				

10 👺 Marks: 1	You are given $\delta_t = 2/(1+t)$. A payment of 310 at the end of 3 years and 620 at the end of 6 years has the same present value as a payment of 210 at the end of 2 years and X at the end of 5 years. Calculus X.		
	Answer:		
	Make comment or override grade		
	Incorrect Correct answer: 313.010204 Marks for this submission	: 0/1.	

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